

LAKE COUNTY BCC
SPECIFICATIONS FOR ONE (1) 15" BRUSH CHIPPER

Lake County is currently seeking quotes for the purchase of one (1) fifteen inch (15") brush chipper, in accordance with these specifications and minimum requirements.

The equipment offered in the quote shall be the manufacturer's standard equipment with no alterations. The County will not lease or purchase altered equipment or custom designed equipment unless expressly provided for in this document. The equipment must be new and unused in current production. Used, demonstrator, prototype or discontinued models are not acceptable. The chipper shall be equipped with the manufacturer's standard equipment and accessories which are included as standard in the published specifications for the unit. No such item of equipment shall be removed or omitted for reason that it was not specified in the bid. Any accessories not specifically mentioned herein but necessary to furnish a complete engineered unit ready for use shall be included.

The equipment shall be manufactured so as to be in strict conformance to all standards applied by any Federal or State regulations. Safety devices, shall be in accordance with industry standards and established safety requirements as well as those safety and highway standards required by Local, State and Federal regulations, specifically including those of the US Department of Transportation.

The equipment offered shall comply with these specifications. This checklist shall be returned with the quote. The vendor shall identify below if it is compliant or not compliant. If not compliant, the exceptions or deviations shall be identified by item number and letter and fully explained on a separate sheet attached to this checklist. If submitting your quote electronically, please FAX this checklist and exceptions list to 352-343-9473, attention Donna Villinis.

MINIMUM REQUIREMENTS: The equipment offered in the quote shall have, at a minimum, the following:

1.0 General

- 1.1 4 Cylinder Cummins Turbo Diesel Tier 4 Engine
- 1.2 Minimum 130 HP and 425 ft-lb torque
- 1.3 Minimum 40 gallon fuel tank
- 1.4 15" chipping capacity
- 1.5 Integrated Engine Shutdown system
- 1.6 Shall be equipped with automatic idle return after 5 minutes inactive.

Comply: Yes_____ No_____

2.0 Chassis

- 2.1 Main frame constructed of rectangular tubing.
- 2.2 7000 lb. axle torsion type
- 2.3 Electric brakes with breakaway switch
- 2.4 ST 235/80R16 tires load range E
- 2.5 Steel wheels
- 2.6 Drop leg folding jack
- 2.7 2 1/2" diameter lunette pintle style hitch
- 2.8 Adjustable height hitch
- 2.9 Safety chains
- 2.10 6 way light connector
- 2.11 All wiring in conduit to lights
- 2.12 Four function LED rear lights with side marker lights

Comply: Yes_____ No_____

3.0 Drum

- 3.1 Size - 22" diameter x 22" width
- 3.2 Two knife pockets 180 degrees apart
- 3.3 Dual edge reversible knives
- 3.4 Extreme duty bearings
- 3.5 Adjustable bedknife (reversible)

Comply: Yes_____ No_____

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- 4.0 Chipper Housing
 - 4.1 Easy access door for knife changes
 - 4.2 Drop down door for anvil adjustment or clean out
 - 4.3 Chipper housing to be constructed for maximum safety and operator protection

Comply: Yes_____ No_____

- 5.0 Discharge chute
 - 5.1 Rotation of 360 degrees
 - 5.2 Adjustable chip deflector
 - 5.3 Locking pin for chute rotation

Comply: Yes_____ No_____

- 6.0 Feeding System
 - 6.1 Infeed throat opening - 20" x 15"
 - 6.2 Serrated infeed rollers
 - 6.3 Vertical feed rollers with helical cleats hydraulically driven
 - 6.4 Feed table height - 27"
 - 6.5 Feed table length - 30"
 - 6.6 Shall be equipped with 3 way smart feed to allow for optimum operation
 - 6.7 Safety control bar below infeed opening for emergency stop.

Comply: Yes_____ No_____

These are minimum specifications. The County reserves the right to waive technicalities and accept the vehicle or equipment that is best suited to its needs. All quotations are subject to analysis by County staff.

All deviations or exceptions to the above specifications must be listed by item number on company letterhead submitted with your quotation.

By submitting a quotation, vendor affirms that the vehicle make and model offered fully meets all above requirements. Any exceptions to the stated requirements are explained on the following page on company letterhead. Failure to submit exceptions list (if any) may disqualify the quotation from consideration.

YEAR / MAKE / MODEL BEING QUOTED: _____

DELIVERY TIMEFRAME FROM RECEIPT OF P.O.: _____ **DAYS**

WARRANTY PERIOD / TERMS / CONDITIONS: _____

PRINTED NAME: _____

SIGNATURE: _____

DATE: _____

EMAIL: _____ **PHONE:** _____

VENDOR NAME: _____

VENDOR LOCATION (ADDRESS, CITY, STATE, ZIP): _____

